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PETITION FEE

Under 37 CFR 1.17(f), (g) & (h)

TRANSMITTAL

(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/768,669
Filing Date	February 2, 2004
First Named Inventor	Mutsumi HOSOYA
Art Unit	2182
Examiner Name	J. Gaffin
Attorney Docket Number	520.43454X00

Enclosed is a petition filed under 37 CFR 1.102(d) that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

Payment of Fees (small entity amounts are NOT available for the petition (fees))

- ☒ The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 50-1417:
- ☐ petition fee under 37 CFR 1.17(f), (g) or (h) ☒ any deficiency of fees and credit of any overpayments
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Petition Fees under 37 CFR 1.17(f):**Fee \$400****Fee Code 1462**

For petitions filed under:

- \$ 1.53(e) - to accord a filing date.
- \$ 1.57(a) - to according a filing date.
- \$ 1.182 - for decision on a question not specifically provided for.
- \$ 1.183 - to suspend the rules.
- \$ 1.378(e) for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.
- \$ 1.741(b) - to accord a filing date to an application under \$1.740 for extension of a patent term.

Petition Fees under 37 CFR 1.17(g):**Fee \$200****Fee code 1463**

For petitions filed under:

- \$1.12 - for access to an assignment record.
- \$1.14 - for access to an application.
- \$1.47 - for filing by other than all the inventors or a person not the inventor.
- \$1.59 - for expungement of information.
- \$1.103(a) - to suspend action in an application.
- \$1.136(b) - for review of a request for extension of time when the provisions of section 1.136(a) are not available.
- \$1.295 - for review of refusal to publish a statutory invention registration.
- \$1.296 - to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issued.
- \$1.377 - for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.
- \$1.550(c) - for patent owner requests for extension of time in ex parte reexamination proceedings.
- \$1.956 - for patent owner requests for extension of time in inter partes reexamination proceedings.
- \$ 5.12 - for expedited handling of a foreign filing license.
- \$ 5.15 - for changing the scope of a license.
- \$ 5.25 - for retroactive license.

Petition Fees under 37 CFR 1.17(h):**Fee \$130****Fee Code 1464**

For petitions filed under:

- \$1.19(g) - to request documents in a form other than that provided in this part.
- \$1.84 - for accepting color drawings or photographs.
- \$1.91 - for entry of a model or exhibit.
- \$1.102(d) - to make an application special.
- \$1.138(c) - to expressly abandon an application to avoid publication.
- \$1.313 - to withdraw an application from issue.
- \$1.314 - to defer issuance of a patent.

Name (Print/Type)	Frederick D. Bailey	Registration No. (Attorney/Agent)	42,282
Signature		Date	July 6, 2005

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Docket No.: 520.43454X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mutsumi HOSOYA
Serial No.: 10/768,669
Filed: February 2, 2004
For: DATA TRANSFER METHOD AND DISK CONTROL UNIT
USING IT
Group: 2182
Examiner: J. Gaffin

**PETITION TO MAKE SPECIAL
UNDER 37 CFR §1.102(MPEP §708.02)**

July 6, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby petition the Commissioner to make the above-identified application special in accordance with 37 CFR §1.102(d). Pursuant to MPEP §708.02(VIII), Applicants state the following.

(A) This Petition is accompanied by the fee set forth in 37 CFR §1.17(h).

The Commissioner is hereby authorized to charge any additional payment due, or to credit any overpayment, to Deposit Account No. 50-1417.

(B) All claims are directed to a single invention.

If the Office determines that all claims are not directed to a single invention, Applicant will make an election without traverse as a prerequisite to the grant of special status in conformity with established telephone restriction practice.

(C) A pre-examination search has been conducted.

The search was directed towards a storage system. In particular, the search was directed to the invention set forth in claims 1-14. The invention is related, at a minimum, to reliable data transfer in which, when data is transferred from an initiator to a target, the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and, if a transfer error occurring during said data transfer is detected by said transfer status, said initiator retries to transfer said data to said target, a data transfer method for logical records that are units of said data transfer between said initiator and said target, whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; each said logical record is transferred by a transfer request issued by said initiator; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record.

The search of the above features was conducted in the following areas:

<u>Class</u>	<u>Subclass</u>
370	463
709	246, 250
710	33, 55
714	15, 16, 18, 21, 748

Additionally, a computer database search was conducted on the USPTO system EAST.

(D) The following is a list of the references deemed most closely related to the subject matter encompassed by the claims:

<u>U.S. Patent Number</u>	<u>Inventors</u>
5,915,092	Morita et al.
5,938,786	Gregg
6,345,315	Mishra

<u>U.S. Patent Publication No.</u>	<u>Inventor(s)</u>
2001/0034799	Ito et al.
2003/0188035	Lubbers et al.
2004/0042451	Takaku
2004/0030982	Aldridge et al.

A copy of each of these references (as well as other references uncovered during the search) is enclosed in an accompanying IDS.

(E) It is submitted that the present invention is patentable over the references for the following reasons.

It is submitted that the cited references, whether considered alone or in combination, fail to disclose or suggest the invention as claimed. In particular, the cited references, at a minimum, fail to disclose or suggest in combination with the other limitations recited in the claims:

a first feature of the present invention as recited in independent claim 1 wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and, if a transfer error occurring during said data transfer is detected by said transfer status, said initiator retries to transfer said data to said target; a method whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

a second feature of the present invention as recited in independent claim 2 wherein the data received by said target is checked for a communication error

by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and, if a transfer error occurring during said data transfer is detected by said transfer status, said initiator retries to transfer said data to said target, and a method whereby: a plurality of said logical records in a block are batch transferred; upon correct arrival of the record on said target, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target; and said initiator confirms said transfer status at every said batch transfer;

a third feature of the present invention as recited in independent claim 3 wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and, if a transfer error occurring during said data transfer is detected by said transfer status, said initiator retries to transfer said data to said target, and a data transfer method whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and when each said logical record transferred by a transfer request issued by said initiator arrives correctly on said target, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target;

a fourth feature of the present invention as recited in independent claim 7 including a data transfer method wherein the data received by said target is

checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and, whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

a fifth feature of the present invention as recited in independent claim 8 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

a sixth feature of the present invention as recited in independent claim 9 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical

records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

a seventh feature of the present invention as recited in independent claim 10 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

an eighth feature of the present invention as recited in independent claim 11 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status

corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

a ninth feature of the present invention as recited in independent claim 12 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record;

a tenth feature of the present invention as recited in independent claim 13 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record; and

an eleventh feature of the present invention as recited in independent claim 14 including a data transfer method wherein the data received by said target is checked for a communication error by using an error check code attached to said data, a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and whereby: a plurality of said logical records in a block are batch transferred; said initiator confirms said transfer status at every said batch transfer; and for each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record.

To the extent applicable to the present Petition, Applicants submit that although the distinguishing feature(s) may represent a substantial portion of the claimed invention, the claimed invention including said feature(s) and their inter-operation provides a novel storage system and system and method related to or implemented in or by said storage system not taught or suggested by any of the references of record.

The references considered most closely related to the claimed invention are briefly discussed below:

U.S. Patent No. 5,915,092 (Morita et al.) discloses a transfer (in batch) of a command and status data between a call processor 1 and a processor 2 of a communications control device via a peripheral interface. A status data is

generated in a predetermined duration by the second processor. A status data writer 4 writes in a batch into status data storage in the first processor. A status data notification is generated for completing a command transfer process. (See e.g., Abstract; column 4, lines 30-34; column 5, lines 19-52; column 6, lines 1-16; Figures 1A-1B, and 5.) However, unlike the present invention, Morita et al. do not disclose data received by said target is checked for a communication error by using an error check code attached to said data. Furthermore, Morita et al. do not disclose a transfer status indicating whether said communication error occurs is returned from said target to said initiator, and, if a transfer error occurring during said data transfer is detected by said transfer status, said initiator retries to transfer said data to said target. More particularly, Morita et al. do not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9, the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent

claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

U.S. Patent No. 5,938,786 (Gregg) discloses a data transmission between an originator and recipient. Once a transmission error is detected, the detecting end of the link may request the other end of the link to resend a frame in which the error occurred (lost frames can be retransmitted.) The information field CRC word is checked at the receiver to test the validity of the information field in the incoming frame. (See e.g., Abstract; column 1, lines 21-30; column 4, lines 27-48; column 6, lines 38-40; Figures 1-3, and 5-8.) However, unlike the present invention, Gregg does not disclose batch transferring; a confirmation of transfer status at every said batch transfer; and each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record. More particularly, Gregg does not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9,

the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

U.S. Patent No. 6,345,315 (Mishra) discloses a logical frame 41 for delivery between a requesting agent and a target agent. A server 30 initiates an event report 63 (action) to a client. The client then sends an event response 64 (reaction) back to the server 30. If an underlying protocol is unreliable, then a retransmission can be requested. (See, e.g., Abstract and column 3, lines 10-31, line 65-67; column 4, lines 1-3, and column 5, lines 33-37; column 6, lines 54-59; column 8, lines 38-40; Figures 1-4, and 13-15.) However, unlike the present invention, Mishra does not disclose a data received by said target is checked for a communication error by using an error check code attached to said data, and a transfer status indicating whether said communication error occurs is returned from said target to said initiator. Furthermore, Mishra does not disclose batch transferring; a confirmation of transfer status at every said batch transfer; and each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct

reception of said logical record. More particularly, Mishra does not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9, the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

U.S. Patent Publication No. 2001/0034799 (Ito) discloses an initiator that sends a request packet to a responder. A link core circuit 14 detects an error correction code from a received packet (e.g., ACK packet code). The link core circuit 14 computes error check codes such as header_CRC and data_CRC. Furthermore, the link core circuit 14 has a retry function. If the link core circuit 14 once failed to transfer a packet, the circuit 14 can try to transferring the same packet again. (See, e.g., Abstract and paragraphs 5-10, 21, 70 and 83-84, and

Figures 8-10, and 14.) However, unlike the present invention, Ito does not disclose batch transferring; a confirmation of transfer status at every said batch transfer; and each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record. More particularly, Ito does not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9, the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

U.S. Patent Publication No. 2003/0188035 (Lubbers et al.) discloses a communication between two devices in a network. A semi-persistent tunnel is

established between the two devices for data communication. The first and second devices implement a plurality of processes for handling data transfer operations. A data validation verifies error detection codes or other condition checks. When a controller does not receive either a heartbeat response message from a controller of the other side of the tunnel within a currently defined time-out interval, the tunnel is assumed to have failed. Before tunnel closure, retries are attempted. When the source controller fails to receive a `CREATED_TUNNEL` MFC, the source controller determines whether to resend the `CREATE_TUNNEL` MFC (in operations 601, 605, 609). (See, e.g., Abstract and paragraphs 66, 78, 84, and 97; and Figures 3-6.) However, unlike the present invention, Lubbers et al. do not disclose batch transferring; a confirmation of transfer status at every said batch transfer; and each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record. More particularly, Lubbers et al. do not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9,

the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

U.S. Patent Publication No. 2004/0042451 (Takaku) discloses a data transmission between a source equipment a and an input equipment b. The data packets include a data error correction code CRC at the end of each packet (See, e.g., Abstract and paragraphs 3, 72-73; Figures 1-3; 9-12.) However, unlike the present invention, Takaku does not disclose a transfer status indicating whether said communication error occurs is returned from said target to said initiator. Furthermore, Takaku does not disclose batch transferring; a confirmation of transfer status at every said batch transfer; and each said logical record that meets a predetermined batch transfer condition, said target posts a completion status corresponding to said transfer request for said logical record to a completion queue existing in said target upon correct reception of said logical record. More particularly, Takaku does not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention

as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9, the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

U.S. Patent Publication No. 2004/0030982 (Aldridge et al.) discloses a system for dividing data into batches; transferring information from a first node to a second node in the batches, and maintaining a record of transfer status for each batch. In the event of a transmission failure or disconnection, a connection is reestablished between the first node and the second node. (See e.g., Abstract; paragraphs 14-16, 30-36, 74-75, 84; claim 1; Figures 1-4.) However, unlike the present invention, Aldridge et al. do not disclose a data received by said target is checked for a communication error by using an error check code attached to said data. Furthermore, Aldridge et al. do not disclose a target posts a completion status corresponding to a transfer request for a logical record to a completion queue existing in said target upon correct reception of said logical

record. More particularly, Aldridge et al. do not disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above described sixth feature of the present invention as recited in independent claim 9, the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims.

Therefore, since the references fail to disclose or suggest the above described first feature of the present invention as recited in independent claim 1, the above described second feature of the present invention as recited in independent claim 2, the above described third feature of the present invention as recited in independent claim 3, the above described fourth feature of the present invention as recited in independent claim 7, the above described fifth feature of the present invention as recited in independent claim 8, the above

described sixth feature of the present invention as recited in independent claim 9, the above described seventh feature of the present invention as recited in independent claim 10, the above described eighth feature of the present invention as recited in independent claim 11, the above described ninth feature of the present invention as recited in independent claim 12, the above described tenth feature of the present invention as recited in independent claim 13, and the above described eleventh feature of the present invention as recited in independent claim 14, in combination with the other limitations recited in each of the independent claims, it is submitted that all of the claims are patentable over the cited references.

CONCLUSION

Applicant has conducted what it believes to be a reasonable search, but makes no representation that "better" or more relevant prior art does not exist. The United States Patent and Trademark Office is urged to conduct its own complete search of the prior art, and to thoroughly examine this application in view of the prior art cited herein and any other prior art that the United States Patent and Trademark Office may locate in its own independent search. Further, while Applicant has identified in good faith certain portions of each of the references listed herein in order to provide the requisite detailed discussion of how the claimed subject matter is patentable over the references, the United States Patent and Trademark Office should not limit its review to the identified portions but rather, is urged to review and consider the entirety of each

reference, and not to rely solely on the identified portions when examining this application.

In view of the foregoing, Applicant requests that this Petition to Make Special be granted and that the application undergo the accelerated examination procedure set forth in MPEP 708.02 VIII.

G. Fee (37 C.F.R. 1.17(h))

The fee required by 37 C.F.R. § 1.17(i) is to be paid by:

☒ the Credit Card Payment Form (attached) for \$130.00.

☐ charging Account _____ the sum of \$130.00.

A duplicate of this petition is attached.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (Atty. Docket No. 520.43454X00).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



Frederick D. Bailey
Registration No. 42,282

FDB/sdb
(703) 684-1120